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PRESIDENT
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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SECURITIES BLDG.
HELENA, MONTANA

VOL. VIII, No. 4 — McKEE PRINT. — April, 1960

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April, 1960, averaged 81,424 barrels daily, a decrease of 611 barrels from the average March production of 82,035.

The ten refineries in the State processed 63,223 barrels of crude oil daily for the month of April, 1960, a decrease of 5,077 barrels daily from the 68,300 barrels processed daily during the month of March, 1960.

During April, 24 wells were completed, 14 oil, 0 gas well and 10 dry holes.

During April, the Commission issued 33 permits to drill new wells, an increase of 13 from the 20 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1960

IN STORAGE APRIL 1st:	
By Producers	384,565
By Transporters	613,000
By Refiners	620,075
TOTAL STORAGE	1,617,640
Produced in Montana During Month	2,442,749
Imported During Month	1,385,241
TOTALS	5,445,630
DISPOSITION:	
Refined in Montana	1,896,732
Exported	1,904,482
Used for Fuel or Lost	9,245
TOTAL	3,810,459
IN STORAGE APRIL 30th:	
By Producers	395,440
By Transporters	615,002
By Refiners	624,729
TOTAL STORAGE	1,635,171

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1960

Field	M Cu. Ft.
Bears Den	13,756
Big Coulee	77,812
Bowdoin	371,644
Bowes	144,351
Box Elder	0
Cabin Creek	95,209
Cedar Creek	196,881
Clarks Fork	75,055
Cut Bank (Including Reagan)	781,072
Devon	16,757
Dry Creek	151,033
Elk Basin	61,332
Flat Coulee	5,703
Golden Dome	598
Grandview	68,334
Hardin	3,867
Keith Block	0
Kevin Sunburst	85,494
Pine	96,992
Plevna	14,858
Utopia	51,360
Whitlash	124,957
Miscellaneous	86,965
TOTAL	2,524,035

Total Withdrawals for April, 1959 were 2,437,265 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF APRIL, 1960

Leases Operated	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	810	3,244	.....	3,195	.....	859
5	Bannatyne	10	2,910	1,339	.....	1,261	68	2,920
1	Belfry	1	437	6,425	6,527	.....	.....	335
8	Big Wall	26	2,565	25,028	.....	22,466	55	5,072
11	Blackfoot	16	5,844	9,109	.....	9,937	147	4,869
1	Border	1	.....	193	.....	193	.....	.....
20	Bowes	79	4,417	23,592	23,275	.....	.....	4,734
1	Bredette	1	1,959	432	798	.....	.....	1,593
2	Bredette, North	2	2,871	2,840	3,366	.....	.....	2,345
3	Brorson	3	3,612	2,876	3,440	.....	.....	3,048
2	Cabin Creek	94	7,105	354,850	353,891	.....	882	7,182
27	Cat Creek	104	5,455	13,363	7,147	7,532	.....	4,139
....	Clark's Fork	....	474	.....	.....	286	.....	188
2	Clark's Fork North	4	3,229	13,741	.....	14,377	.....	2,593
1	Cupton	2	1,887	1,280	2,289	.....	.....	878
350	Cut Bank	1,131	130,838	156,571	146,101	.....	242	141,066
3	Deer Creek	6	3,224	16,013	17,795	.....	.....	1,442
3	Delphia	3	943	1,349	.....	761	.....	1,531
....	Devil's Basin	....	1,018	.....	.....	.....	.....	1,018
4	Dry Creek	5	1,663	2,308	2,427	.....	.....	1,544
20	Elk Basin	59	2,459	213,848	211,498	.....	630	4,179
....	Fertile Prairie	....	252	.....	.....	.....	.....	252
2	Frannie	2	481	1,829	1,825	.....	.....	485
2	Gage	2	676	1,276	.....	1,068	9	875
3	Gas City	11	3,821	16,858	15,683	.....	.....	4,996
6	Glendive	12	6,076	38,638	40,649	.....	.....	4,065
4	Gypsy Basin	4	1,349	624	.....	561	31	1,381
1	Hawk Creek	1	621	5	.....	491	61	74
8	Ivanhoe	16	4,261	22,915	.....	16,349	5,912	4,915
169	Kevin Sunburst	1,248	16,999	58,395	58,647	.....	.....	16,747
1	Line Coulee	1	1,674	.....	1,341	.....	44	289
1	Little Beaver	8	1,659	18,888	18,122	.....	.....	2,425
4	Little Beaver, East	8	2,996	23,907	23,604	.....	.....	3,299
4	Melstone	9	2,491	2,873	.....	3,320	.....	2,044
5	Monarch	10	3,821	34,362	33,880	.....	.....	4,303
3	Mosser	5	314	715	.....	676	.....	353
1	Musselshell County	1	696	3,868	.....	4,057	.....	507
7	Outlook	11	8,323	40,371	38,604	.....	.....	10,090
3	Outlook, South	3	3,514	4,715	3,965	.....	.....	4,264
10	Pennel	21	6,815	43,985	43,724	.....	.....	7,076
5	Pine	140	15,301	429,048	428,332	.....	109	15,908
73	Pondera	336	8,363	38,839	38,375	.....	166	8,661
6	Poplar, East	91	26,211	277,621	282,300	.....	.....	21,532
3	Poplar, Northwest	4	2,060	2,351	2,495	.....	.....	1,916
4	Ragged Point	9	2,192	12,205	.....	9,164	.....	5,233
....	Rattlesnake Butte	....	116	.....	.....	.....	.....	116
4	Reagan	50	2,558	16,592	16,242	.....	.....	2,908
10	Red Creek	16	3,580	25,585	.....	23,557	.....	5,608
1	Redstone	1	549	258	.....	.....	.....	807
1	Repeat	1	787	2,998	3,549	.....	.....	236
9	Richey	13	6,126	18,127	18,092	.....	.....	6,161
2	Richey, Southwest	2	1,301	7,002	5,806	.....	.....	2,497
1	Rosebud County	1	624	6,141	.....	6,157	.....	608
5	Sand Creek	6	5,960	26,463	27,247	.....	.....	5,176
1	Sheridan County	1	307	3,652	.....	3,122	216	621
2	Snyder	4	1,709	1,567	.....	1,891	.....	1,385
5	Soap Creek	18	2,924	5,298	.....	5,473	.....	2,749
9	Stensvad	23	10,985	168,506	166,380	.....	432	12,679
27	Sumatra	85	18,428	168,295	158,264	12,246	126	16,087
3	Sweetgrass Hills	3	793	393	.....	525	.....	661
5	Whitlash	30	12,281	1,005	.....	.....	.....	13,286
6	Wills Creek	13	3,498	32,218	31,728	.....	.....	3,988
9	Wolf Springs	18	5,199	33,880	34,352	.....	.....	4,727
2	Woodrow	2	1,426	2,080	2,319	.....	.....	1,187
....	Yellowstone	....	728	.....	.....	.....	.....	728
892		3,791	384,565	2,442,749	2,274,079	148,665	9,130	395,440

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1959	29,857,226	81,800	29,815,632	81,686
First Quarter, 1960	7,565,291	83,135	7,540,471	82,862
April, 1960	2,442,749	81,424	2,422,744	80,758

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1959	362,849	645,661	619,430	1,627,940
March, 1960	384,565	613,000	620,075	1,617,640
April, 1960	395,440	615,002	624,729	1,635,171

*Includes Wyoming Oil.

TRANSPORTERS REPORT
MONTH OF APRIL, 1960

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			3,195				3,195		
BANNATYNE—Truck			1,261			1,261			
BELFRY—Interstate Pipe Line Co.		6,527					6,527		
BIG WALL—Truck			22,466			22,466			
BLACKFOOT—Union Oil Co.			9,937			9,937			
BORDER—Truck			193			193			
BOWES—									
Trigood Oil Co.	2,706	3,269			84	2,708			3,183
Texaco Inc.		20,006				20,006			
	2,706	23,275			84	22,714			3,183
BRORSON—Sun Oil Company		3,440					3,440		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	321,224	961,423		506,892			1,458,704		330,835
Shell Pipe Line Corp.	1,771	122,529			106			122,297	1,897
	322,995	1,083,952		506,892	106		1,458,704	122,297	332,732
CAT CREEK—									
Continental Pipe Line Co.	5,415	7,147			(3,907)	11,173			5,296
Truck			7,532			7,532			
	5,415	7,147	7,532		(3,907)	18,705			5,296
CLARK'S FORK—Truck			14,663				14,663		
CUT BANK—									
Big West Oil Co.		254		18,759		19,013			
Darling Gathering System, Inc.	1,626								1,626
Phillips Petroleum Co.	30,588	42,436		21,690	65	51,399		18,916	24,334
Texas Pipe Line Co.	49,781	25,568		12,229	(11)	1,164		27,131	59,294
Toronto Pipe Line Co.	29,425	41,503			153			41,911	28,864
Union Oil Co.	58,856	44,076		35,278	(63)	82,583			55,690
	170,276	153,837		87,956	144	154,159		87,958	169,808
DELPHIA—Truck			761			761			
DRY CREEK—									
Marathon Pipe Line Co.	7,548	2,427			47	3,187			6,741
ELK BASIN—Ohio Oil Co.		211,498					211,498		
FRANNIE—Ohio Oil Co.		1,825					1,825		
GAGE—Truck			1,068			1,068			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
The Texas Pipe Line Co.	10,384	86,692			779		49,347	38,109	8,841
GYPSY BASIN—Truck			561			561			
HAWK CREEK—Truck			491				491		
IVANHOE—Truck			16,349			761	15,588		
KEVIN-SUNBURST—									
Big West Oil Co.	2,240	28,342				28,343			2,239
Homestake Oil & Gas Co.	507	2,202				2,180			529
The Texas Pipe Line Co.	4,077	29,872			289	29,583			4,077
	6,824	60,416			289	60,106			6,845
MELSTONE—Truck			3,320			3,320			
MOSSER—Truck			676				676		
PONDERA—Phillips Petr. Co.	20,583	40,211			174	40,275			20,345
POPLAR, BREDETTE, OUTLOOK, SOUTH OUTLOOK, LINE COULEE, REDSTONE & RICHEY—									
East Poplar Gathering System	27,391	341,382			2,109			346,484†	20,180
RAGGED POINT—Truck			9,164			9,164			
REAGAN—Union Oil Co.		16,242				16,242			
RED CREEK—Truck			23,557			4,087	19,470		
SNYDER—Truck			1,891				1,891		
SOAP CREEK—Truck			5,473				5,473		
SUMATRA AND STENSVAD—									
Powder River Pipe Line Inc.	32,543	324,644			(1,262)	236,854	90,169		31,426
Truck			12,246				12,246		
	32,543	324,644	12,246		(1,262)	236,854	102,415		31,426
SWEETGRASS HILLS—Truck			525			525			
WHITLASH—									
Western Natural Gas Co.	1,873								1,873
WOLF SPRINGS—									
Powder River Pipe Line Co.	4,462	34,353			127	30,956			7,732
UN-NAMED—Musselshell County Truck			4,057			4,057			
UN-NAMED—Rosebud County Truck			6,157				6,157		
UN-NAMED—Sheridan County Truck			3,122				3,122		
TOTALS	613,000	2,397,868	148,665	594,848	(1,310)	641,359	1,904,482	594,848	615,002

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF APRIL, 1960

Field	Big West Oil Co.	Humble Oil & Refining Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petro. Co.	Texaco Inc.	Texstar Corporation	Union Oil Co.	Total
Blackfoot	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,109	9,109
Border	239	.....	.....	.....	.....	.....	.....	.....	.....	.....	239
Bowes	.....	.....	.....	17,371	.....	.....	.....	.....	.....	.....	17,371
Cat Creek	.....	.....	8,572	.....	2,688	3,810	.....	.....	.....	.....	15,070
Cut Bank	19,015	.....	.....	.....	.....	.....	51,399	.....	.....	86,386	156,800
Delphia	.....	.....	.....	.....	.....	2,931	.....	.....	.....	.....	2,931
Dry Creek	.....	.....	.....	.....	2,791	.....	.....	.....	.....	.....	2,791
Elk Basin	.....	105,950	48,297	.....	.....	.....	.....	.....	.....	.....	154,247
Gage	.....	.....	.....	.....	290	1,233	.....	.....	.....	.....	1,523
Ivanhoe	.....	.....	.....	.....	.....	3,806	.....	.....	.....	.....	3,806
Kevin-Sunburst	26,017	.....	.....	.....	.....	.....	.....	210	.....	.....	26,227
Melstone	.....	.....	.....	.....	8,100	.....	.....	.....	.....	.....	8,100
Pondera	.....	.....	.....	.....	.....	.....	42,513	.....	.....	.....	42,513
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,243	16,243
Soap Creek	.....	.....	.....	.....	.....	.....	.....	.....	3,739	.....	3,739
Sumatra	.....	177,170	415	.....	129,573	.....	.....	.....	.....	.....	307,158
Sweetgrass Hills	507	.....	.....	.....	.....	.....	.....	.....	.....	.....	507
Wolf Springs	.....	30,091	.....	.....	.....	.....	.....	.....	.....	.....	30,091
Total Montana Oil	45,778	313,211	57,284	17,371	143,442	11,780	93,912	210	3,739	111,738	798,465
Canadian Oil Imported	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming Oil Imported	.....	412,760	302,771	.....	382,736	.....	.....	.....	.....	.....	1,098,267
TOTAL Montana, Canadian and Wyoming Oil	45,778	725,971	360,055	17,371	526,178	11,780	93,912	210	3,739	111,738	1,896,732

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	TOTAL
Year, 1959	29,898	.11	41,483	71,392
April, 1959	24,964	....	29,324	54,288
April, 1960	26,615	....	36,608	63,223

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
41.87%	.03%	58.10%
45.98%	....	54.02%
42.09%	....	57.91%